

ESM Table 6: Summary of anchor markers

Chr	Marker	I/F	S/M	D/R
1H	GBM1007	+	-	+
	GBM1032	+	-	+
	GBM1051	+	-	+
	GBR0263	+	-	+
	GBS0125	-	+	+
	cMWG706a	+	+	+
	cMWG733	+	+	-
	ABC160	-	+	+
	ABG055	+	+	-
	ABG387a	+	-	+
	ABG494	-	+	+
	ABG500a	+	+	-
	BCD098	-	+	+
	MWG800	+	+	-
	MWG837	+	+	+
	MWG912	+	+	+
	MWG938	+	+	-
	2H	GBM1218	-	+
GBR0020/GBS0003		-	+	+
GBR1062		+	+	-
GBR1185		+	+	+
GBR1257		+	+	-
GBR1306		-	+	+
GBR1576		+	-	+
GBS0877		+	-	+
cMWG682		+	+	-
cMWG720		-	+	+
ABG072		-	+	+
ABG356		-	+	+
ABG358		+	+	-
ABG703b		+	+	-
MWG503		+	+	+
MWG520a		+	+	+
MWG858		+	+	-
MWG878		+	+	-
MWG950	+	+	-	
3H	GBR0025/GBS0005	-	+	+
	GBR0214/GBM1050	+	-	+
	GBM1056	+	-	+
	GBM1059	+	-	+
	GBM1110	-	+	+
	GBR0044	-	+	+
	GBR0086a	+	+	+
	GBR1148	-	+	+

GBR1660	+	+	-
GBS0073	+	+	-
GBS0879	+	-	+
ABC171a	-	+	+
ABC172	-	+	+
ABC176	+	+	-
ABG004	+	+	-
ABG460	+	+	+
ABG495b	+	+	-
ABG499	-	+	+
BCD828	+	+	-
MWG555b	+	+	-
MWG571a	+	+	-
MWG838	+	+	-
MWG844b	+	-	+
MWG883	+	-	+
MWG884	+	-	+

4H

GBM1015	+	-	+
GBM1221	-	+	+
GBS0434	-	+	+
GBS0506	-	+	+
ABC303	-	+	+
ABG472	+	+	+
ABG500b	+	+	-
Dhn6	+	-	+
HVM03	+	-	+
HVM67	+	-	+
MWG058	+	+	-
MWG077	-	+	+
MWG634	-	+	+
MWG635a	+	+	-
WG622	+	+	-

5H

GBM1026	+	-	+
GBR0086b	-	+	+
GBR0232	-	+	+
GBR0528	-	+	+
GBR0987	-	+	+
ABC302	+	+	+
ABC483	-	+	+
ABG390	+	+	-
ABG391	+	+	+
ABG395	-	+	+
ABG496	-	+	+
Ale	+	+	-
MWG522	+	+	+
MWG602a	+	-	+
MWG813a	+	+	-
MWG877	+	+	+

6H	GBM1008	+	-	+
	GBM1021	+	-	+
	GBM1022	+	-	+
	GBM1075	+	-	+
	GBR0458	+	-	+
	GBR1535	-	+	+
	cMWG652a	+	+	+
	ABG388	+	-	+
	ABG458	+	+	+
	ABG466	+	+	-
	MWG820	+	+	+
MWG934	+	+	+	
7H	GBM1033	+	-	+
	GBM1419	-	+	+
	GBR1547	+	-	+
	ABC310b	+	+	-
	ABG312	+	+	-
	ABG380	+	+	+
	ABG461a	+	+	+
	ABG476	+	+	-
	ABG704	-	+	+
	MWG089	+	+	-
	MWG555a	+	+	-
	MWG808	+	-	+
	MWG836	+	+	-
	Ris44	+	-	+
WG380a	-	+	+	

Anchor markers shown on orange background were included into map construction from published data. New markers originating from this study are given on white background.